

Abstract

Briefly, in accordance with one embodiment of the invention, a method of interpolating color pixel signals from a subsampled color image includes the following. For a particular pixel location in a subsampled color image, relative changes in a particular color pixel signal value are compared for two mutually orthogonal directions across the particular pixel location using pixel signal values immediately adjacent to the particular pixel location. A color signal value for that particular pixel location for a color plane other than the color plane of the pixel signal value in the subsampled color image of that location is computed by relatively weigh the pixel signal values, the relative weights depending, at least in part, on the relative change of pixel signal value level in a particular direction.